

ABSTRACT OF THE DISCLOSURE

The present invention provides an image pickup apparatus which comprises: first and second photoelectric conversion units each including a plurality of photoelectric conversion elements; an image forming unit that forms images viewed from different points on the plurality of photoelectric conversion elements included in each of the first and second photoelectric conversion units; a first holding unit for holding signals from the first photoelectric conversion unit, the first holding unit having at least the same number of capacitors as the number of the photoelectric conversion elements included in the first photoelectric conversion unit; a second holding unit for holding signals from the second photoelectric conversion unit, the second holding unit having at least the same number of capacitors as the number of the photoelectric conversion elements included in the second photoelectric conversion unit; wherein a first common output line to which signals are read out from the plurality of capacitors included in each of the first and second holding units.

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